| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|----------|---------------------|---------|------------------|
| L1 | 124 | (((test with (fault or failure or deffect)) and (report or advise near failure or fault)) and ((monitor or evaluate) same (terminal or commodity adj terminal)))"." "clm." | US-PGPUB | OR | OFF | 2006/01/26 20:27 |
| L3 | 1 | (((portable adj radio or terminal) and ((commodity adj manag\$6) with control\$6) same (communicat\$6 or recei\$6)) and (test with (fault or failure or deffect))).clm. | US-PGPUB | OR | ON | 2006/01/26 20:28 |

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|-------|---|--------------------|---------------------|---------|------------------|
| L1 | 124 | (((test with (fault or failure or deffect)) and (report or advise near failure or fault)) and ((monitor or evaluate) same (terminal or commodity adj terminal)))"." "clm." | US-PGPUB | OR | OFF | 2006/01/26 20:27 |
| L3 | 1 | (((portable adj radio or terminal) and ((commodity adj manag\$6) with control\$6) same (communicat\$6 or recei\$6)) and (test with (fault or failure or deffect))).clm. | US-PGPUB | OR | ON | 2006/01/26 20:28 |
| S1 | 11005 | self-test\$3 or self-diag\$6 | US-PGPUB; USPAT | OR | OFF | 2004/08/06 15:07 |
| S3 | 33 | (self-test\$3 or self-diag\$6) and (fault adj display) | US-PGPUB; USPAT | OR | OFF | 2006/01/26 20:31 |
| S6 | 1 | ((self-test\$3 or self-diag\$6) and (fault adj display)) and (attempt\$3 near5 fail\$3) | US-PGPUB; USPAT | OR | OFF | 2006/01/26 20:30 |
| S9 | 50852 | "455"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/08/06 15:06 |
| S10 | 1200 | "455"/\$.ccls. and 455/423 | US-PGPUB; USPAT | OR | OFF | 2003/10/27 13:01 |
| S11 | 650 | "455"/\$.ccls. and 455/423.ccls. | US-PGPUB; USPAT | OR | OFF | 2003/10/27 08:41 |
| S12 | 60 | ("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:25 |
| S13 | 13 | (("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls.) and 455/67.11.ccls. | US-PGPUB; USPAT | OR | OFF | 2003/10/24 16:52 |
| S14 | 13 | (("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls.) and 455/67.11.ccls.\ | US-PGPUB; USPAT | OR | OFF | 2003/10/24 16:52 |
| S15 | 28 | ("455"/\$.ccls. and 455/423) and (fault with monitoring) | US-PGPUB; USPAT | OR | OFF | 2003/10/24 17:10 |
| S16 | | ("455"/\$.ccls. and 455/423) and (commodity near3 management) | US-PGPUB; USPAT | OR | OFF | 2003/10/24 17:11 |
| S17 | 11 | ("455"/\$.ccls. and 455/423) and (portable with radio near3 terminal) | US-PGPUB; USPAT | OR | OFF | 2003/10/24 17:14 |
| S18 | 35 | ("455"/\$.ccls. and 455/423) and (diagnostic with test) | US-PGPUB; USPAT | OR | OFF | 2003/10/24 17:18 |
| S19 | 12 | ("455"/\$.ccls. and 455/423) and (call near3 interval) | US-PGPUB; USPAT | OR | OFF | 2003/10/24 17:19 |
| S20 | .1 | ("455"/\$.ccls. and 455/423) and (commodity near3 inventory) | US-PGPUB; USPAT | OR | OFF | 2003/10/24 19:29 |
| S21 | 1 | ("455"/\$.ccls. and 455/423) and (inventory near3 controller) | US-PGPUB; USPAT | OR | OFF | 2003/10/27 08:29 |
| S22 | 14 | "455"/\$.ccls. and 455/423.ccls. and (loop with back with test) | US-PGPUB; USPAT | OR | ON | 2003/10/27 08:41 |

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|-----|---------------------------------------|---|--------------------|----|-----|------------------|
| S23 | 87826 | "455"/\$.ccls. and 455/423 or "701" | US-PGPUB; USPAT | OR | OFF | 2003/10/27 13:02 |
| S24 | 114639 | ("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2003/10/27 13:02 |
| S25 | 114639 | ("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:02 |
| S26 | 87841 | "455"/\$.ccls. and 455/423 or "701" | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:02 |
| S27 | 114654 | ("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:03 |
| S28 | 192761 | (("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:03 |
| S29 | 254 | ((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:03 |
| S30 | 485 | (((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:04 |
| S31 | 365 | ((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:09 |
| S32 | 1 | ((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity with management) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:08 |
| S33 | 1 | (((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity with management)) and (cargo or merchandise) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:08 |
| S34 | 12 | ((((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking)) and (cargo or merchandise)) and (rf adj tag) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:20 |
| S35 | | (((((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$. ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking)) and (cargo or merchandise)) and (rf adj tag)) and (fault adj monitoring detection) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:29 |

| S36 | 8 | (((((((((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$. ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking)) and (cargo or merchandise)) and (rf adj tag)) and (fault adj monitoring detection)) and (wireless or cellular or radio) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:23 |
|-----|--------|--|--------------------|----|-----|------------------|
| S37 | 199966 | ((((((((((((((((((((((((((((((((((((((| US-PGPUB; USPAT | OR | ON | 2003/10/27 13:29 |
| S38 | 8 | ((((((((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$. ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking)) and (cargo or merchandise)) and (rf adj tag)) and (fault adj monitoring detection)) and (portable radio) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:31 |
| S39 | 12 | ((((((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking)) and (cargo or merchandise)) and (rf adj tag)) and (commodity system) | US-PGPUB; USPAT | OR | ON | 2003/10/27 13:32 |
| S40 | 65 | (((((("455"/\$.ccls. and 455/423 or "701") or "709"/\$.ccls.) or "340"/\$.ccls.) and (asset adj management)) or (asset adj tracking)) and (commodity withj tracking)) and (cargo or merchandise) | US-PGPUB; USPAT | OR | ON | 2003/10/27 14:52 |
| S41 | 60 | ("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone) | US-PGPUB; USPAT | OR | OFF | 2003/10/28 07:54 |
| S42 | 60 | ("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone) | US-PGPUB; USPAT | OR | ON | 2003/10/28 07:57 |

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|-----|-------------|---|--------------------|----|-----|------------------|
| S43 | 58 | (("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and (report\$3 or transmit\$3 or inform\$2 nea2r operator or user) | US-PGPUB; USPAT | OR | ON | 2003/10/28 07:56 |
| S44 | 6 | ((("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and ((("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and (report\$3 or transmit\$3 or inform\$2 nea2r operator or user))) and (error\$3 near3 report\$2) | US-PGPUB; USPAT | OR | OFF | 2003/10/28 07:58 |
| S45 | 6 | ((("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and ((("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and (report\$3 or transmit\$3 or inform\$2 nea2r operator or user))) and (error\$3 near3 report\$2) | US-PGPUB; USPAT | OR | ON | 2003/10/28 07:58 |
| S46 | 58 | (("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and ((("455"/\$.ccls. and 455/423.ccls.) and 455/425.ccls. and (test\$3 or monitor\$3 or detect\$3 near2 malfuntion\$2 or defect\$2 or fault\$3 near3 terminal or mobile or cellular phone)) and (report\$3 or transmit\$3 or inform\$2 nea2r operator or user)) | US-PGPUB; USPAT | OR | OFF | 2003/10/28 13:53 |
| S47 | 253 | 455/425.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:25 |
| S48 | 174 | 455/425.ccls. and (commodity or article or product or service) | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:27 |

| S49 | 4 | (455/425.ccls. and (commodity or article or product or service)) and ((fault or weak\$6 or error or defect\$3) adj (monitor\$3 or verify or track\$3)) | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:50 |
|-----|-------|---|---|----|-----|------------------|
| S50 | 25041 | ((455/425.ccls. and (commodity or article or product or service)) and ((fault or weak\$6 or error or defect\$3) adj (monitor\$3 or verify or track\$3))) and manage\$6 near terminal or POTS | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:50 |
| S51 | 12 | 455/425.ccls. and (((455/425.ccls. and (commodity or article or product or service)) and ((fault or weak\$6 or error or defect\$3) adj (monitor\$3 or verify or track\$3))) and manage\$6 near terminal or POTS) | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:51 |
| S52 | 5 | commodity near3 manag\$6 near (terminal or radio or mobile) | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:52 |
| S53 | 5 | (commodity near3 manag\$6 near (terminal or radio or mobile)) and (point of sale or POS) | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:49 |
| S54 | 1 | ((455/425.ccls. and (commodity or article or product or service)) and ((fault or weak\$6 or error or defect\$3) adj (monitor\$3 or verify or track\$3))) and (commodity near3 manag\$6 near (terminal or radio or mobile)) | US-PGPUB; USPAT | OR | OFF | 2004/04/15 17:50 |
| S55 | 5 | (commodity near3 manag\$6 near (terminal or radio or mobile)) and ((commodity near3 manag\$6 near (terminal or radio or mobile)) and (point of sale or POS)) | US-PGPUB; USPAT | OR | OFF | 2004/04/18 14:49 |
| S56 | 1 | (commodity near3 manag\$6 near (terminal or radio or mobile)) and ((commodity near3 manag\$6 near (terminal or radio or mobile)) and (point of sale or POS)) and (fault or defect or fail\$3 near3 detect\$3 or monitor\$3) | US-PGPUB; USPAT | OR | OFF | 2004/04/18 14:50 |
| S57 | 9 | (portable adj radio or terminal) and ((commodity adj manag\$6) with control\$6) same (communicat\$6 or recei\$6) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 10:20 |
| S58 | 1 | ((portable adj radio or terminal) and ((commodity adj manag\$6) with control\$6) same (communicat\$6 or recei\$6)) and (test with (fault or failure or deffect)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/26 20:28 |
| S59 | 29757 | (test with (fault or failure or deffect)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 10:22 |

| S60 | 15609 | (test with (fault or failure or deffect)) and (report or advise near failure or fault) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 11:21 |
|-----|--------|--|---|----|-----|------------------|
| S61 | 36553 | (monitor or evaluate) same (terminal or commodity adj terminal) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 11:21 |
| S62 | 518 | ((test with (fault or failure or deffect)) and (report or advise near failure or fault)) and ((monitor or evaluate) same (terminal or commodity adj terminal)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/26 20:27 |
| S63 | 275 | 455/425.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 10:25 |
| S64 | 1 | (((test with (fault or failure or deffect)) and (report or advise near failure or fault)) and ((monitor or evaluate) same (terminal or commodity adj terminal))) and 455/425.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/26 20:29 |
| S65 | 177928 | fault or deffect with monitor\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 10:49 |
| S66 | 795 | 455/423.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 11:20 |
| S67 | 2 | ((test with (fault or failure or deffect)) and (report or advise near failure or fault)) and ((monitor or evaluate) same (terminal or commodity adj terminal) and 455/423.ccls.) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 11:21 |
| S68 | 38 | (monitor or evaluate) same (terminal or commodity adj terminal) and 455/423.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/04 11:23 |
| S69 | 9871 | attempt\$3 near5 fail\$3 | USPAT | OR | OFF | 2004/08/04 18:29 |
| S70 | 7011 | attempt\$3 near3 fail\$3 | USPAT | OR | OFF | 2004/08/04 18:28 |
| S71 | 439 | "455"/\$.ccls. and (attempt\$3 near3 fail\$3) | USPAT | OR | OFF | 2004/08/04 19:12 |
| S72 | 13 | attempt\$3 near5 fail\$3 near5 display\$3 near3 (error) | USPAT | OR | OFF | 2004/08/04 18:32 |
| S73 | 73 | attempt\$3 near5 fail\$3 near5 display\$3 | USPAT | OR | OFF | 2004/08/04 19:01 |

| S74 | 7 | ("455"/\$.ccls. and (attempt\$3 near3 fail\$3)) and (attempt\$3 near5 fail\$3 near5 display\$3) | USPAT | OR | OFF | 2004/08/05 15:48 |
|-----|-------|--|---|----|-----|------------------|
| S75 | 2 | attempt\$3 near5 fail\$3 near5 display\$3 same (terminal or portable) | USPAT | OR | OFF | 2004/08/04 19:05 |
| S76 | 14 | attempt\$3 near5 fail\$3 near5 display\$3 same (control\$3 adj base adj station or database or server) | USPAT | OR | OFF | 2004/08/04 19:12 |
| S77 | 455 | 455/423.ccls. | USPAT | OR | OFF | 2004/08/04 19:10 |
| S78 | 10 | 455/423.ccls. and (attempt\$3 near3 fail\$3) | USPAT | OR | OFF | 2004/08/04 19:13 |
| S79 | 1769 | self with (test\$3 or check\$3 or diagnost\$3) with (mobile or terminal or portable) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:41 |
| S80 | 162 | self with (test\$3 or check\$3 or diagnost\$3) with (mobile or terminal or portable) and (commodity or goods or (inventory adj items)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:42 |
| S81 | 7 | (self with (test\$3 or check\$3 or diagnost\$3) with (mobile or terminal or portable) same (commodity or goods or (inventory adj items))) and (display\$3 near4 (fault or failure or error)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:43 |
| S82 | 2 | self with (test\$3 or check\$3 or diagnost\$3) with (mobile or terminal or portable) same (commodity or goods or (inventory adj items)) and (attempt\$3 near5 fail\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:50 |
| S83 | 48 | self with (test\$3 or check\$3 or diagnost\$3) with (mobile or terminal or portable) same (commodity or goods or (inventory adj items)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:57 |
| S84 | 14 | (self adj (test\$3 or check\$3 or diagnost\$3)) with (mobile or terminal or portable) same (commodity or goods or (inventory adj items)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:58 |
| S85 | 12 | (self adj (test\$3 or check\$3 or diagnost\$3)) with (mobile or terminal or mobile adj portable) same (commodity or goods or (inventory adj items)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2006/01/26 20:29 |
| S86 | 28234 | "705"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 15:59 |

| S87 | 2 | ((self adj (test\$3 or check\$3 or diagnost\$3)) with (mobile or terminal or mobile adj portable) same (commodity or goods or (inventory adj items))) and "705"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 16:00 |
|-----|-------|--|---|----|-----|------------------|
| S88 | 138 | (455/421).ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 16:00 |
| S89 | 78409 | "455"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 16:02 |
| S90 | 313 | "455"/\$.ccls. and (self adj (test or diagnostic)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | OFF | 2004/08/05 16:02 |
| S91 | 56644 | "455"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/08/05 16:02 |
| S92 | 56644 | "455"/\$.ccls. | US-PGPUB; USPAT | OR | OFF | 2004/08/05 16:02 |
| S93 | 292 | "455"/\$.ccls. and (self adj (test or diagnostic)) | US-PGPUB; USPAT | OR | OFF | 2006/01/26 20:31 |
| S94 | 628 | 455/566.ccls. | USPAT | OR | OFF | 2004/08/05 16:35 |
| S95 | 241 | 455/115.1.ccls. | USPAT | OR | OFF | 2004/08/05 16:35 |
| S96 | 1225 | 455/226.1 | USPAT | OR | OFF | 2004/08/05 16:36 |
| S97 | 8 | 455/566.ccls. and 455/226.1 | USPAT | OR | OFF | 2004/08/05 16:37 |